

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	106302	MRI or (MR adj imag\$3) or (magnetic adj resonan\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:32
S2	602	MR adj (angiography or angiograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:09
S3	82129	sequencer or sequence adj (control or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:10
S4	2362	flow adj (compensate or compensation or compensating or compensated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:10
S5	73	flow adj (spoiled or spoiling or spoil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:11
S6	1268656	pulse or pulsing or pulsed or pulsation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:11
S7	339441	gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:11
S8	172	S1 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:11
S9	22	S8 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:25

## EAST Search History

S10	783	resonance adj angiography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:25
S11	1182	S2 or S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:35
S12	70211	blood adj (flow or flowed or flowing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:35
S13	505	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:35
S14	4086	dephas\$3 or de-phas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:36
S15	1852	rephas\$3 or re-phas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:36
S16	758	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:36
S17	27	S13 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:37
S18	6311	phase adj encod\$3 or phase-encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:37
S19	3379	frequency adj encod\$3 or frequency-encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:37

## EAST Search History

S20	1031	S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:37
S21	13	S17 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:37
S22	70395	blood adj (flow or flowed or flowing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:16
S23	4089	dephas\$3 or de-phas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:16
S24	1856	rephas\$3 or re-phas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:16
S25	759	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:16
S26	130	S22 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:16
S27	106523	MRI or (MR adj imag\$3) or (magnetic adj resonan\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:16
S28	126	S27 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:17
S29	6333	phase adj encod\$3 or phase-encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:17

## EAST Search History

S30	3393	frequency adj encod\$3 or frequency-encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:17
S31	1041	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:17
S32	42	S28 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:40
S33	23072	flow near3 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:40
S34	69	S25 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:40
S35	67	S27 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:41
S36	2628640	compensate or compensation ro compenstated or compensating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:41
S37	39327	spoil or spoiled or spoiling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:41
S38	37	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:54
S39	4	S38 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:41

## EAST Search History

S40	82299	sequencer or sequence adj (control or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:54
S41	14	S38 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:54
S42	290	600/419.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:22
S43	82358	sequencer or sequence adj (control or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:22
S44	60	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:23
S45	6337	phase adj encod\$3 or phase-encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:23
S46	47	S44 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:23
S47	3398	frequency adj encod\$3 or frequency-encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:23
S48	19	S44 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:23
S49	18	S46 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:23

## EAST Search History

S50	6	("5050609"   "5777473"   "5891032"   "6009341"   "6043655"   "6144201").PN. OR ("6782286").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 13:31
S51	319138	compensation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 13:32
S52	11074	spoiled	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 13:32
S53	313	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 13:32
S54	3976840	flow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 13:32
S55	199	S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 13:32
S56	106603	MRI or (MR adj imag\$3) or (magnetic adj resonan\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 13:32
S57	60	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 13:32
S58	10	("4908573"   "5276614"   "5305204").PN. OR ("6018600").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 15:21
S59	1751	600/410.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:21

## EAST Search History

S60	239	600/413.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:21
S61	446	324/306.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:21
S62	2520	324/307.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:21
S63	2873	324/309.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:22
S64	290	600/419.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:22
S65	1905	(rephas\$3 or refocus\$3) with pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:22
S66	1775	(dephas\$3 or defocus\$3) with pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:22
S67	644	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:22
S68	106603	MRI or (MR adj imag\$3) or (magnetic adj resonan\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:22
S69	628	S67 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:23

## EAST Search History

S70	2108327	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:23
S71	2094194	frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:23
S72	340366	gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:23
S73	27634	S70 with S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:24
S74	10874	S71 with S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:24
S75	3362	S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:24
S76	426	S69 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:24
S77	4542	S59 or S60 or S61 or S62 or S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:25
S78	289	S76 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:27
S79	1653	gradient adj echo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:31



## EAST Search History

S80	125	S78 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:31
S81	1226	FASE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:32
S82	6	S80 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:32
S83	16	("4715383"   "5034694"   "5447155"   "5517117"   "5528144"   "5633586"   "5677628"   "6043655").PN. OR ("6320377"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 15:39
S84	10	("4689563"   "5122748"   "5530354"   "5539316"   "5604435"   "5869965"   "5952827"   "6023634"   "6198282"   "6320377").PN. OR ("7047062"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 15:51
S85	46609	(prep or prepatory adj scan) or prep-scan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:12
S86	2876	flow adj pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:52
S87	10	S85 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:55
S88	31	S85 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:57

## EAST Search History

S89	1	S86 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:58
S90	3976840	flow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:58
S91	326	S67 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 15:58
S92	5	S91 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:07
S93	1222800	integral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:07
S94	37	S93 same (S65 and S66)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:10
S95	179	S93 same (S65 or S66)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:10
S96	1	S85 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:11
S97	169	(prep or preparatory) with (scan or image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:11
S98	1	S95 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:42

## EAST Search History

S99	658572	optimal or optimize or optimizing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:46
S10 0	38	S97 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:52
S10 1	9	S100 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 16:52